

C

APPENDIX

Learning Modality Inventory for Math Students

The following survey can help you discover how you best learn math. Answer the questions based on what you are like. There are no right or wrong answers. The more you answer truthfully, the more you will be able to use the results to improve studying math. "1" means the statement is hardly like you. "4" means the statement is really like you. Then if you think the statement is somewhere in between, decide if it is a "2" or a "3."

Questions	Least like me		Most like me	
1. Reading a math problem out loud helps me learn better when I am studying.	1	2	3	4
2. I learn math better if I can talk about it.	1	2	3	4
3. I select certain problems and memorize what they look like so I can use them to help me remember on a math test.	1	2	3	4
4. Making things with my hands helps me learn better.	1	2	3	4
5. Drawing a picture of the word problem helps me understand how to do it on a test.	1	2	3	4
6. Math makes more sense when I see it worked out on the board.	1	2	3	4
7. Moving around while studying helps me concentrate and learn more.	1	2	3	4
8. I understand written instructions better than ones told to me.	1	2	3	4
9. I memorize what a problem looks like so I can remember it better on a test or quiz.	1	2	3	4

Questions, <i>continued</i>	Least like me		Most like me	
10. I repeat steps to a problem out loud or to myself in order to remember what I am supposed to do.	1	2	3	4
11. Watching someone complete a math problem helps me understand more than listening to someone tell me how to do it.	1	2	3	4
12. Talking about a math problem while learning in class helps me understand it better.	1	2	3	4
13. I learn math better when I watch someone do it.	1	2	3	4
14. When I take a test, I read the problems to myself softly.	1	2	3	4
15. When I solve a math problem on a test, I picture my notes in my head to help me remember how to solve it.	1	2	3	4
16. I enjoy making things with my hands for a hobby.	1	2	3	4
17. Math makes more sense when someone talks about it while doing it on the board rather than just doing it on the board.	1	2	3	4
18. Explaining a math problem to someone else helps me learn better when I am studying.	1	2	3	4
19. Looking at a picture from my notes or math book helps me understand a math problem.	1	2	3	4
20. Making study aids with my hands helps me learn better.	1	2	3	4
21. I understand instructions better when someone tells me what they are.	1	2	3	4
22. I memorize sentences or words I can say to myself to help me remember how to do problems on a test.	1	2	3	4
23. Pictures and charts help me see how all the parts of a word problem work together.	1	2	3	4
24. I enjoy putting things together.	1	2	3	4
25. When I solve a problem on a math test, I talk my way through it in my head or softly to myself.	1	2	3	4

Scoring Your Results

Step One: Fill in each answer score in the appropriate question number. Add the column totals. Divide Column Totals A and B by 2. Those numbers will be your final column totals. Leave Column C total as is.

Column A	Column B	Column C
1. _____	3. _____	4. _____
2. _____	5. _____	7. _____
10. _____	6. _____	16. _____
12. _____	8. _____	20. _____
14. _____	9. _____	24. _____
17. _____	11. _____	17. _____
18. _____	13. _____	
21. _____	15. _____	
22. _____	19. _____	
25. _____	23. _____	
A Total _____ /2 = _____ Column Total	B Total _____ /2 = _____ Column Total	C Total _____ (Do not divide.)

Step Two: Fill in the number of squares to represent each column total. Any total greater than 12 indicates that modality style as a strength when you learn math. You can be strong in more than one modality. If none of the totals equal 12 squares, your highest score is your strongest modality. If you have a tie, pick the first one that comes to mind as your strongest.

	Least Like Me					Most Like Me				
Modality	1	5	10	15	20					
A = Auditory										
B = Visual										
C = Kinesthetic										